

Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.

MYOG:028US

Serial No.

09/908,988

Applicant:

Eric N. Olson

Jeffrey A. Spencer

Filing Date:

July 18, 2001

Group:

1632 / 1652

U.S. Patent Documents

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Foreign Patent Documents

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
WJW	B1	WO 00/58473	10/5/00	PCT	—	—	
WJW	B2	WO 01/42302	6/14/01	PCT	—	—	Abstract
WJW	B3	WO 01/55322	8/2/01	PCT	—	—	
WJW	B4	WO 01/62767	8/30/01	PCT	—	—	

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
WJW	C43	Centner <i>et al.</i> , "Identification of muscle specific ring finger proteins as potential regulators of the titin kinase domain," <i>J. Mol. Biol.</i> , 306:717-726, 2001.
WJW	C44	Database EMBL accession No. AA840584.
WJW	C45	Database EMBL accession No. AAS25842.
WJW	C46	Database EMBL accession No. AAS25855.
WJW	C47	Database EMBL accession No. AAU15855.
WJW	C48	Database EMBL accession No. AAU15868.
WJW	C49	Database EMBL accession No. AB030912.
WJW	C50	Database EMBL accession No. AF294790.
WJW	C51	Database EMBL accession No. AI644642.
WJW	C52	Database EMBL accession No. AJ291712.
WJW	C53	Database EMBL accession No. AJ291713.

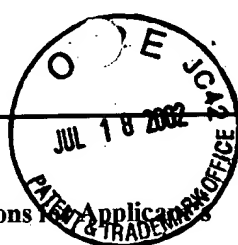
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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>mon</i>	C54	Database EMBL accession No. AV006036.
<i>mon</i>	C55	Database EMBL accession No. AV006120.
<i>mon</i>	C56	Lee <i>et al.</i> , "Myosin light chain-2 luciferase transgenic mice reveal distinct regulatory programs for cardiac skeletal muscle-specific expression of a single contractile protein gene," <i>J. Biol. Chem.</i> , 267(22):15875-15885, 1992.
<i>mon</i>	C57	Spencer <i>et al.</i> , "Regulation of microtubule dynamics and myogenic differentiation by MURF, a striated muscle RING-finger protein," <i>J. Cell Biol.</i> , 150(4):771-784, 2000.

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EXAMINER:

*William W. Moore*

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*22 January 2003*

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Exam. Init.	Ref. Des.	Citation
Worm	C1	Antin <i>et al.</i> , "Taxol induces postmitotic myoblasts to assemble interdigitating microtubule-myosin arrays that exclude actin filaments," <i>J. Cell Biol.</i> , 90(2):300-308, 1981.
Worm	C2	Bartkiewicz <i>et al.</i> , "Leucine zipper-mediated homodimerization of the adaptor protein c-Cbl. A role in c-Cbl's tyrosine phosphorylation and its association with epidermal growth factor receptor," <i>J. Biol. Chem.</i> , 274(43):30887-30895, 1999.
Worm	C3	Benjamin <i>et al.</i> , "Temporospatial expression of the small HSP/alpha B-crystallin in cardiac and skeletal muscle during mouse development," <i>Dev. Dyn.</i> , 208(1):75-84, 1997.
Worm	C4	Borden, "RING fingers and B-boxes: zinc-binding protein-protein interaction domains," <i>Biochem. Cell Biol.</i> , 76:351-358, 1998.
Worm	C5	Buchner <i>et al.</i> , "MID2, a homologue of the Opitz syndrome gene MID1: similarities in subcellular localization and differences in expression during development," <i>Hum. Mol. Genet.</i> , 8:1397-1407, 1999.
Worm	C6	Cainarca <i>et al.</i> , "Functional characterization of the Opitz syndrome gene product (midin): evidence for homodimerization and association with microtubules throughout the cell cycle," <i>Hum. Mol. Genet.</i> , 8:1387-1396, 1999.
Worm	C7	Cao <i>et al.</i> , "Involvement of the rfp tripartite motif in protein-protein interactions and subcellular distribution," <i>J. Cell Sci.</i> , 110(Pt 14):1563-1571, 1997.
Worm	C8	De The <i>et al.</i> , "The PML-RAR $\alpha$ fusion mRNA generated by the t(15;17) translocation in acute promyelocytic leukemia encodes a functionally altered RAR," <i>Cell</i> , 66(4):675-684, 1991.

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WWM	C9	Francis <i>et al.</i> , "Doublecortin is a developmentally regulated, microtubule-associated protein expressed in migrating and differentiating neurons," <i>Neuron.</i> , 23:247-256, 1999.
WWM	C10	Freemont, "Ubiquitination: RING for destruction?" <i>Curr Biol.</i> , 10(2):R84-87, 2000.
WWM	C11	Gleeson <i>et al.</i> , "Doublecortin is a microtubule-associated protein, and is expressed widely by migrating neurons," <i>Neuron.</i> , 2:257-271, 1999.
WWM	C12	Gunderson <i>et al.</i> , "Generation of stable, posttranslationally modified microtubule array is an early event in myogenic differentiation," <i>J. Cell Biol.</i> , 109:2275-2288, 1989.
WWM	C13	Hsieh <i>et al.</i> , "The RING finger/B-Box factor TAM-1 and a retinoblastoma-like protein LIN-35 modulate context-dependent gene silencing in <i>Caenorhabditis elegans</i> ," <i>Genes Dev.</i> , 13(22):2958-2970, 1999.
WWM	C14	Kaech <i>et al.</i> , "Cytoskeletal plasticity in cells expressing neuronal microtubule-associated proteins," <i>Neuron</i> , 17(6):1189-1199, 1996.
WWM	C15	Kaufman <i>et al.</i> , "The M-cadherin catenin complex interacts with microtubules in skeletal muscle cells: implications for the fusion of myoblasts," <i>J. Cell Sci.</i> , 112:55-67, 1999.
WWM	C16	Kosik, "Tau protein and neurodegeneration," <i>Mol. Neurobiol.</i> , 4(3-4):171-179, 1990.
WWM	C17	Li <i>et al.</i> , "The association of <i>Xenopus</i> nuclear factor 7 with subcellular structures is dependent upon phosphorylation and specific domains," <i>Exp. Cell Res.</i> , 13(2):473-481, 1994.
WWM	C18	Lo Nigro <i>et al.</i> , "Point mutations and an intragenic deletion in LIS1, the lissencephaly causative gene in isolated lissencephaly sequence and Miller-Dieker syndrome," <i>Hum. Mol. Genet.</i> , 6(2):157-164, 1997.
WWM	C19	Mangan and Olmsted, "A muscle-specific variant of the microtubule-associated protein 4 (MAP4) is required for myogenesis," <i>Dev.</i> , 122:771-781, 1996.
WWM	C20	Marszalek <i>et al.</i> , "Situs inversus and embryonic ciliary morphogenesis defects in mouse mutants lacking the KIF3A subunit of kinesin-II," <i>Proc. Nat'l Acad. Sci.</i> , 96(9):5043-5048, 1999.
WWM	C21	Nguyen <i>et al.</i> , "Overexpression of full- or partial-length MAP4 stabilizes microtubules and alters cell growth," <i>J. Cell Sci.</i> , 110 (Pt 2):281-294, 1997.
WWM	C22	Nguyen <i>et al.</i> , "Stabilization and functional modulation of microtubules by microtubule-associated protein 4," <i>Biol. Bull.</i> , 194(3):354-357, 1998.

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WWM	C23	Quaderi <i>et al.</i> , "Opitz G/BBB syndrome, a defect in midline development, is due to mutation in a new RING finger gene on Xp22," <i>Nat. Gen.</i> , 17:285-291, 1997.
WWM	C24	Rawls <i>et al.</i> , "Overlapping functions of the myogenic bHLH genes MRF4 and MyoD revealed in double mutant mice," <i>Development</i> , 125(13):2349-2358, 1998.
WWM	C25	Sapir <i>et al.</i> , "LIS1 is a microtubule-associated phosphoprotein," <i>Eur. J. Biochem.</i> , 265(1):181-188, 1999.
WWM	C26	Sapir <i>et al.</i> , "Reduction of microtubule catastrophe events by LIS1, platelet-activating factor acetylhydrolase subunit," <i>EMBO J.</i> , 16(23):6977-6984, 1997.
WWM	C27	Sato <i>et al.</i> , "Microtubule stabilization in pressure overload cardiac hypertrophy," <i>J. Cell Biol.</i> , 139:963-973, 1997.
WWM	C28	Saurin <i>et al.</i> , "Does this have a familiar RING?" <i>TIBS</i> , 21(6):208-214, 1996.
WWM	C29	Schulze <i>et al.</i> , "Posttranslational modification and microtubule stability," <i>J. Cell Biol.</i> , 105: 2167-2177, 1987.
WWM	C30	Schweiger <i>et al.</i> , "The Opitz syndrome gene product, MID1, associates with microtubules," <i>Proc. Nat'l Acad. Sci. USA</i> , 96:2794-2799, 1999.
WWM	C31	Sotiropoulos <i>et al.</i> , "Signal-regulated activation of serum response factor is mediated by changes in actin dynamics," <i>Cell.</i> , 98: 159-169, 1999.
WWM	C32	Spencer and Misra, "Expression of the serum response factor gene is regulated by serum response factor binding sites," <i>J. Biol. Chem.</i> , 271(28):16535-16543, 1996.
WWM	C33	Spencer <i>et al.</i> , "Cooperative transcriptional activation by serum response factor and the high mobility group protein SSRP1," <i>J. Biol. Chem.</i> , 274(22):15686-15693, 1999.
WWM	C34	Stone and Chambers, "Microtubule inhibitors elicit differential effects on MAP kinase (JNK, ERK, and p38) signaling pathways in human KB-3 carcinoma cells," <i>Exp. Cell. Res.</i> , 254: 110-119, 2000.
WWM	C35	Supp <i>et al.</i> , "Targeted deletion of the ATP binding domain of left-right dynein confirms its role in specifying development of left-right asymmetries," <i>Dev.</i> , 126:5495-5504, 1999.
WWM	C36	Takeda <i>et al.</i> , "Left-right asymmetry and kinesin superfamily protein KIF3A: new insights in determination of laterality and mesoderm induction by kif3A $\gamma$ mice analysis," <i>J. Cell Biol.</i> , 145:825-836, 1999.

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Worm	C37	Takemura <i>et al.</i> , "Increased microtubule stability and alpha tubulin acetylation in cells transfected with microtubule-associated proteins MAP1B, MAP2 or tau," <i>J. Cell Sci.</i> , 103 ( Pt 4):953-964, 1992.
Worm	C38	Tolnay and Probst, "Review: tau protein pathology in Alzheimer's disease and related disorders," <i>Neuropathol. Appl. Neurobiol.</i> , 25(3):171-187, 1999.
Worm	C39	Toyama <i>et al.</i> , "Effects of taxol and Colcemid on myofibrillogenesis," <i>Proc. Natl. Acad. Sci.</i> , 79(21):6556-6560, 1982.
Worm	C40	Wang <i>et al.</i> , "Removal of MAP4 from microtubules in vivo produces no observable phenotype at the cellular level," <i>J. Cell Biol.</i> , 132(3):345-357, 1996.
Worm	C41	Webster, "Neonatal rat cardiomyocytes possess a large population of stable microtubules that is enriched in post-translationally modified subunits," <i>J. Mol. Cell Cardio.</i> , 29:2813-2824, 1997.
Worm	C42	Zetser <i>et al.</i> , "p38 mitogen-activated protein kinase pathway promotes skeletal muscle differentiation. Participation of the MEF2C transcription factor," <i>J. Biol. Chem.</i> , 274: 5193-5200, 1999.

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